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Grand New Crozy

THE MOST GORGEOUS AND BEAUTIFUL OF GARDEN FLOWERS.

HAVE you ever seen a bed of the newer Crozy Cannas? If so, you will at once admitthat no other garden flower surpasses them in gorgeous display. The colors vary from sulphur yellow to the most dazzling crimson, some flowers being beautifully spotted, blotched and margined. The engraving here given fairly tepresents the marking of the different flowers. These exquisite blooms are borne in great profusion on giant spikes, and when the plants are massed together the autumn grandeur of the bed surpasses description. When you see such a bed in full bloom your deepest feelings of admiration are aroused, but any expression of them in words seems tame and unjust. All flower-lovers may have just uch a bed by accepting the following

GRAND PREMIUM OFFER.

For only 15 cents; sent me before April 1st, 1894, I will send Park's Floral Magazine, three months on trial.

One packet Aew Crozy Cannas, in finest mixture.

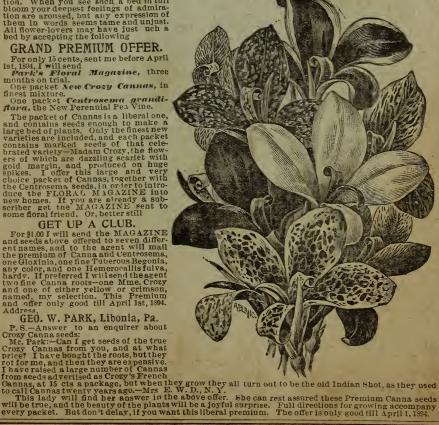
One packet Centrosema grandifora, the New Perennial Pez Vine.

Hora, the New Perennial Pea Vine.
The packet of Cannas is a liberal one, and contains seeds enough to make a large bed of plants. Only the finest new varieties are included, and each packet contains marked seeds of that celebrated variety—Madam Crozy, the flowers of which are dazzling scarlet with gold margin, and produced on huge spikes. I offer this large and very choice packet of Cannas, together with the Centrosema seeds, in order to introduce the FLORA! MIGAZINE into new homes. If you are already a subscriber get the MAGAZINE sent to some floral friend. Or, better still

GET UP A CLUB.

For \$1.00 I will send the MAGAZINE and seeds above offered to seven different names, and to the agent will mail the premium of Canna and Centrosema, one Gloxinia, one fine Tuberous Begonia, any color, and one Hemerocallis fulva, hardy. If preferred I will send the agent two fine Canna roots—one Mme, Crozy and one of either yellow or crimson, named, my selection. This Premium and offer only good till April 1st, 1894. Address, Addre

GEO. W. PARK, Libonia, Pa.



If You Love Flowers

You will find PARK'S FLORAL MAGAZINE a delightful journal. It is devoted entirely to floriculture, giving general and specific directions about culture, describing new or native flowers, answering questions, and proposing exchanges. It is the oldest floral periodical, a general favorite, and is welcomed in more than 100,000 floral homes mouthly. See what subscribers say:

Mr. Park:—I find your little MAGAZINE very Interesting and the ideas are practical. As a flower-lover I prize it exceedingly.

Mrs. H. E. W. Doolitell.

Mrs. H. E. W. Doontell.
Mrs. Park:—I enclose 50 cents for my subscription to your Floral Magazine. This
is the fifteenth year I have taken it and I never
tire. I hope to take it as long as I live or as
long as you publish it. I have read and reread my old numbers and always enjoy them,
and have learned many a useful lesson from and have learned many a useful lesson from them. I wish you a most prosperous future. Mrs. Jennie Dewees.

Mr. Park:—Your Floral Magazine has become a necessity to me. I love it and read every article in it before laying it down. Many of the contributors have become as well-known friends.

well-known friends.

St. Augustine, Fla., Nov. 23, 1893.

Mr. Park:—I like your Magazine very much and read it constantly.

Bingham Co., Ida. Mrs. H. W. Curtis.

Mr. Park:—The Magazine is a credit to the Editor, who must feel satisfied when so many flower friends greet him with praises in every number. I do wish it came every two weeks instead of every four.

Tippecanoe Co., Ind. Mrs. S. C. Curtis.

Morgan Co., Ill., Dec. 9, 1893. Does it come to your home? If not, may I not have your subscription at once? The price is only 50 cents a year and everyone receives a valuable premium. Please read the following offer:



Giant Tuberous=rooted Begonias.

4 Fine Tubers with MAGAZINE one year all for 50 cts.

Last year I offered a choice strain of Giant Tuberous Begonias as a Premium with the MAGAZINE, and they proved so highly satisfactory that I now make a more liberal offer, as follows: For 50 cents sent me previous to June 1st, 1893. I will send PARK'S FLORAL MAGAZINE, for one year, and all of the following splendid bulbs:

1 Giant Tuberous-rooted Begonia, bright yellow. 1 Giant Tuberous-rooted Begonia, brilliant scarlet.

1 Giant Tuberous-rooted Begonia, lovely pink. 1 Giant Tuberous-rooted Begonia, fine white.

These are all high-grade Begonia, brilliantscarlet. 1 Giant Tuberous-rooted Begonia, fine white.

These are all high-grade Begonias, much finer than those I sent out last year, and those were highly satisfactory, as hundreds of letters like the following received from subscribers will attest:

Mr. Park:—Those Tuberous Begonias I got from you last spring were grand. I never ln my lifebought flowers that repaid me so much. I think everybody ought to buy some, for mine were grand. They were pronounced by friends the finest they ever saw. L. J. Williams, Delaware Co., Pa., Nov. II, 1898.

STILL MORE.—Besides this elegant collection of Frize Begonias I will send, before May 1st: 1 Splendid Pearl Tuberose, sure-blooming bulb.

1 Hemerocallis fulva, hardy Sword Lily.

AND BETTER STILL, If ordered this mouth (February) I will add five packets of Choice GET UP A CLUB.—Send in a club of five subscribers (8.250 and you'll get an extra collection for your trouble, and also two elegant Gloxinias. Don't delay. This ofter and premium will not be good after June 1st.

GEO. W. PAEK, Libonia, Franklin Co., Pa.

CHILDREN'S CORNER.

A LITTLE GIRL'S VERSES ABOUT CARNA-TIONS.

> The loveliest of flowers In all the world, I think, Although I search for hours, Is the Carnation Pink.

More lovely than the Roses Or Lilies pure, I think,
Or any garden flowers,
The sweet Carnation Pink.
Coos Co., N. H. Belle M.

Belle M. Weeks.

Mr. Park:—I am 13 years old now, but will soon be 14. I have been sick this winter, but

soon be 14. I have been sick this winter, but have had lots of fun getting up a price-list of seeds, which we sent to our friends. I have sent you a copy that you may see what my brother Ralph and I are doing.

Kings Co., N. Y. Richardson Webster. [NOTE.—The seed list is at hand, an eight-paged pamphlet of just the right size to send in a small envelope. It shows more than ordinary ability in seedsmen soyoung in years. The Editor wishes the firm success.

The Editor wishes the firm success.

CENTS FOR A 210 BEAUTIFUL VARIETIES.

Grown, Tested and Guaranteed Expressly for Us.

Grown. Tested and Guaranteed Expressly for Us.
This great collection contains the latest novelties, as well as old favorites Twenty varieties SW EET PEAS, such as Bianche Terry, Queen of England, Princess of Wales, Isa Eckford, etc., etc. Of PANSIES: Highland and Snow Queen. ASTERS; Victoria, Jewel, Perfection, etc., etc.

No matter how many flowers or seeds you have, you want his collection. For only one dime we will send you the 210 varieties of seeds, and in addition a 3 months' subscription to OUR COUNTRY HOME, a fascinating lopage monthly family and literary paper. This offer is to introduce our paper into new homes. We do not offer you is single package with one variety of seeds, but 210 separate and distinct kinds. Send atonce. All orders promptly filled.

OUR COUNTRY HOME, 122 Nassau St., New York.

Mention Park's Magazine.

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4c. in stamps will bring you hundreds of testimonials of hundreds of testimonials of successful artificial abtaining by the "Reliable." The best, most durable, easiest operated, made of best material & workmanship-A conceded fact, Reliable Inculstor & Brooder Congulary, Ill.





New Catalogue for 1894

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Mention Park's Magazine.

194 1. TENT POVGS Words and Music. 6 Ticks, 10 Games, 96 Secrets, Dream Guide, 17 pictures pretty Girls, and Magazine 2 mos., all for 14 one cent stamps. H. Zell & Co. Station A., Boston, Mass. [Mention Park's Magazine.]

Choice Seed, 25c, packet. Circular free. HRYSANTHEMUM T. H. SPAULDING, Orange, N. J.

PUMPS Best. Cheapest, Write for our book of instruction and our wonderful premium offer. FIELD FORCE PUMP CO., 3 1 Bristol Ave., Lockport, N.Y. Mention Park's Magazine.

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PRUNING SHEARS.

February is the month to prune shrubbery and Grape vines in most of the States, at d the best tool to use is Park's Ex-

States, at 4 the best tool to use is Park's Excelsior (steel blade) pruning shears.

Mr. Park:—I have received the pruning Shears ordered, and am much pleased with them. They are well worth the price.—Mrs. L. Clinton, Ct.
Order now. By registered mail, 60 cts. Two pairs, \$1.10. One Dozen by express, not prepaid, \$5.00. GEO. W. PARK, I ibonia, Pa.



FREE V Send us your full and we will send you 100 Havana Perfectos 10 cent eigars (retail value \$100 for \$1.75. Inorder to introduce our cigars, we will send you free an elegant richly toweled Eligin style hunting case (20 years guarantee) 14K., fold-filled watch, term wind and st fretail value \$250. The 100 cigars and watch cost only \$7.75 C. O. The 100 cigars and watch you will seamination after the first your pow. RIVERSIDE CLARCO.



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Why suffer longer, when you can receive free a diagnosis of your troubles by Dr. Wallace S. Springsteen. Send at once for symptom sheet and treatise. You cannot lose anything, therefore send now. Something entirely new in medical treatment,—successful when everything else had failed.

SPRINGSTEEN MEDICINE CO., 1 418 Central Ave., Cleveland, O.

Mention Park's Magazine.

Park's Floral Guide.

Does not treat of pumpkins, potatoes, pigs, and poultry, but is entirely floral, and gives full descriptions with illustrations of all worthy flowers grown from seeds. It tells you from what country and at what time flowers were introduced, and gives special cultural directions. It is a mine of floral information. Every flower-lover should have a copy. Free to seed buyers. To others 10 cents.

GEO. W. PARK, Libonia, Pa.



Our Great Catalogue for 1894

Is an elegantly illustrated book of 200 pages, composed of three distinct Catalogues bound together—one each of

SEEDS,—BULBS AND PLANTS,—NURSERY STOCK.

A work of unexcelled beauty and merit, rewritten and reconstructed in every particular. Every cut new, every line fresh. Printed on fine paper and in lovely bronze violet and brown colors. Many charming colored plates. Nothing like it ever before seen. We offer new and special strains of Flower and Vegetable seeds, all the standard new and rare Plants and Bulbs of every kind. Millions of Gladiolus, choicest Shrubs, Trees, Vines; also new and rare Fruits—some wonderful introductions from Japan. The greatest collection of rare things for the garden ever presented, and all at moderate prices. Do not fail to see this wonderful book catalogue. Sent, post-paid, for 25 cents, with check for valuable new Pansy seed gratis; or sent free to those who order the Jewel Rose.

CHILDS' JEWEL, the ROSE of Many Colors.

The greatest sensation among novelties. A perfect ever-blooming Rose, which bears at the same time flowers of several different colors—pink, yellow, buff, crimson—also variegated, mottled, striped and blotched. Flowers large and perfect and exceedingly fragrant. Petals large and silky. Buds exquisite. A free and constait bloomer. It is the most charming and wonderful Rose in cultivation; and a plant bearing 10 to 20 flowers, each of a different color or variegation, is a most exquisite sight and creates wild enthusiasm wherever seen. Strong plants for immediate blooming, by mail, post-paid, 30 cents each, 2 for 50 cents, 5 for \$1.00, 12 for \$2.00.

SPECIAL OFFER.—For only 40 cents we will send by mail, post-paid, our great Book Catalogue, one Jewel Rose and five lovely named Gladiolus, five different colors—white, yellow, scarlet, pink and blotched. Order at once; this offer may not appear again.

JOHN LEWIS CHILDS, Floral Park, N. Y.

PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE

Vol. XXX.

Libonia, Pa., February, 1894.

No. 2.

CARNATIONS.

THESE favorite flowers are not suited to hot or dry rooms. They can be grown without difficulty in any well-lighted room of moderate temperature, and are also one of the few plants that will bloom well in unheated halls or bedrooms in a well-plastered house where but a few degrees of frost ever enter.

To begin with, young rooted plants should be procured in the spring, and when the ground becomes warm they

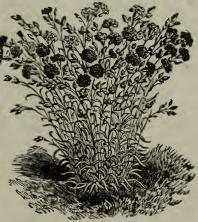
should be planted in the ground in good, friable garden soil. Hoe them occasionally, and keep down all weeds the summer through. Some people say they can let their Carnations bloom freely in the ground the first summer. lift them in the fall and have flowers winter, then plant them out in the border the next spring and get a

third season's full crop of bloom from them. These people must be related to the smart woman who could make jelly, preserves, marmalade and spiced pickles all out of the same identical peck of Crabapples. I can't do it, and unless you are a floral genius you can't do it. My way is to devote the first summer to producing a sturdy, stocky plant, of thick, compact growth, and so full of vigor that no ordinary obstacle can stop its blooming when it once commences. To this end, two or three

times during the summer the long, weak shoots that start out are pinched back to the body of the plant, causing new and dwarfer shoots of greater size and vigor to be sent out in quantity. I do not pinch back after the first of August.

In August or September the ground is made soaking wet. An hour or so afterward the plants are carefully taken up, so that nearly all of the wet ball of earth around the roots is left intact, and then put in pots large enough to hold the ball of earth nicely, after a

good layer of charcoal has been placed at the bottom of the pot. It is important to have good drainage, for the Carnation ever impatient sour soil or stagnant water. Fill crevices between the ball of earth and the sides of the pot with light leaf or fibrous loam, with which a little pounded charcoal has been mixed. The charcoal not



CARNATION PLANT IN BLOOM.

only helps to keep the soil sweet, but it makes the colors of Carnations deeper and richer. Now give the pots one good watering to wash the soil well over any exposed root and set the plants away in a dark closet a few days for the disturbed plants to recuperate. Then when brought to the light they will never receive a check, and in a few weeks more will be in bud and bloom. Give them a position close to the glass, and water only when dry, then give water enough to reach the

bottom of the pot. After the buds appear weak manure water, or weak soot tea, given once a fortnight will help to keep up an all winter's supply of big blooms. Cut each bloom as soon as it fades and shower the tops often. Treated in this way rust or insects rarely trouble the Carnation, but if its vigor once flags it falls an easy prey to disease.

In the spring start new slips for the next winter, and set the old plants in the flower-border. They will bloom well all summer again, but will be too exhausted to flower in the house again.

Lora S. LaMance.

McDonald Co., Mo., Oct. 24, 1893.

MANETTIA BICOLOR.—Last spring I received a Manettia bicolor and set it out of doors in a bed of black, sandy loam, well enriched with manure from the cow yard. I gave it abundance of water. It grew about ten feet, then the top was broken off. The last of August it began to bloom. I left it out till late in October, when I successfully moved it into a large pail without the leaves becoming wilted. It withstood several hard frosts, but was covered except during the first frost. That time there were frozen dew drops hanging to the leaves, but the plant was not injured. It is still blooming, the removal not stopping it.

Mrs. G. W. Davis.

Richardson Co., Neb.

[Note.—All who have reported their experience with the Manettia bicolor as an outdoor plant report success with it. Like the Heliotrope bedded out, it is not subject to the blighting of the leaves so common in plants that are grown in-doors.—ED.]

Success with Calla.—I had no success with my Calla till last spring a year ago, when I bedded it out back of the Sweet Peas. In September I took it up. It was budded, but I removed the bud and potted the plant in a gallon jar. I then set it on the shelf furthest from the window and watered it as I did the other plants. My success was grand. In January it had a nice big blossom, and has had two since.

M. A. M.

Fort Dodge, Iowa.

ROCK OR SAND ROSE.

THE little plant called Rock or . Sand Rose grows in shallow sinks on west hill slopes on what we call shell-rock. How it got the name of Rose I cannot say as it is nothing like a Rose. They come up in the fall if we have rain enough to start them. otherwise they do not appear till spring, generally in March. bloom in April, May or June, according to the early or late spring, then ripen their seeds and disappear altogether till another season. The roots are fleshy, and the leaves form a rosette, from the centre of which the flowers appear. These are carmine with golden stamens. The plants are found only in Eastern Oregon and Washington. They make a lovely border for a full bed and transplant nicely here. They get very dry during the dry season, but it does not injure them, and they are perfectly hardy, as they will endure the temperature of 30° below zero. Let us hear from those of other States where they have been E. R. Propst sent from Oregon.

Gilliam Co., Ore., Dec. 18, 1893.

PELARGONIUMS AND APHIS.—I have nad eight large plants of Pelargoniums for more than a year, and have yet to see the first green fly on them. I wonder why it is, when everyone says "watch for flies." I have no tobacco about them, simply because I haven't it.

Cora Jewell.

Montgomery Co., Ind.

[Note,—The reason these plants are not troubled with green fly or aphis is because the pest has not been introduced Our plant collections would be free from enemies entirely if we could keep them from gaining a foot-hold. One aphis or one mealy bug, even of microscopic size, once introduced will in a short time pollute an entire greenhouse with its progeny.—ED.]

FISH WATER FOR PLANTS.—Use the water in which fish have been cleaned for watering plants, and bury the garbage around their roots. It is better than manure to make them grow The plants will be a dark, thrifty green. It will surprise you to see how the plants will grow. I have used it for both plants and garden truck.

Ocean Co., N. J. M. A. Brown.

CRINUM FIMBRIATULUM.

CRIVUM FIMBRIATULUM, popularly known as the Milk and Wine hily of Nassau, can be easily grown and flowered to great perfection by adoting the following treatment: The bulbs or plants should be planted

out a out the tenth of Iay, in a deep boter, well-enriched in a sunny at sheltered tuation, and dung the summe kept freely supplied with ver, both overhel and at the ro, and as a soon see foliographic supplied.



soon age foliage MILK AND WINE LILY. has beinjured by the frost the bulbs er pla should be carefully lifted with anuch of the earth adhering to them possible, placed in pots or boxes wintered over in the cellar or any er place where they will not freeze, il the time arrives for planting thoutside again. Thus treated the bu will bloom freely enough as soon aey attain a sufficient size. The fics are very beautiful and exquisite agrant, the individual flowers be of a pure white color with brightret-colored stripes through the cepf each petal. It is a plant or bulkt cannot be too highly recommelto amateur cultivators.

> Chas. E. Parnell. Queo., N. Y., Jan. 12, 1894.

BLAGOLLYHOCKS.—A row of Black thocks were grown in an old cot heap, and made a splendid shThe spikes averaged ten feet ight. One from which I gathereds measured ten feet and two in The flowers were a deep, rich, st black, very large, full and double is row of tall, stately plants, y spike a mass of rich, black 3, was certainly unique, and att the attention and elicited the adun of all who saw them.

Rively, Va. Uhlma, Notesteemed correspondent will please ae Editor's thanks for a package of its gathered from that tall, black-fidollyhock.—Ed.]

PANSIES.

Faint through the morning air like incense stealing,

Borne by Southern breezes soft and fair, Come the Pansies—their presence here revealing

The great wonders Nature works with patient care.

See, how they come! Their noiseless step concealing

Their near presence till the fall of Spring's warm showers;

When, lo! in velvet robes they come appealing

To our hearts' best thoughts—thrice welcome flowers.

Their presence wakes thoughts deep down in memory dwelling,

And again dawns the vanished merry days; Old time music in my heart is sweetly welling, As far back o'er the past my memory strays.

Now mid air-castles fair my thoughts are drifting,

And before my mind the old melodious chimes

Rings up, the past unveiled, the present now uplifting,

Sad and sweet is this review of olden time. Ludington, Mich., Nov. 3, 1893. M. E. H.

SWEET VIOLETS IN CALIFORNIA.—Where is the Sweet Violet found in a wild state?" One of the Band says that it is found in Texas. It is also found in San Diego. We have no sweeter wild flower than the yellow Violet. Its fragrance is that of ripe peaches, and the yellow is a rich, velvety orange very rarely found in na-



WILD VIOLETS.

ture. The centre of the flower is almost black, or a rich, deep brown. It grows in great abundance on what is generally called here the mesa, that is the uplands. It is not often found on low grounds. The first weeks of vacation in the city schools find the little flower-lovers roaming over the hills to gather great bunches of wild Violets.

Mrs. Z. May Waite. San Diego Co., Cal., Sep. 19, 1893.

FROM SOUTHERN CALIFORNIA.

CORRESPONDENT writes of her failure to grow Roses received by mail and thinks she might succeed better with plants express size. I am sure the latter are more easily grown, but express rates make them too expensive. During last summer I received several boxes of plants from the East through the mail. I planted in beds over which I made a framework of lath. In the middle of the day I threw sacking over them. At night I uncovered them and the fog and dew made them fresh as daisies. After they were good-sized plants I mulched them with straw and leaves to keep the ground cool, and continued to keep the cover over them during the hottest parts of the day.

The sun is, in one sense, king of this fair South-land. Without his genial glow all would indeed be chill and dreary. But he is a tyrant, too, and delicate and beautiful plants wither and die beneath his scorching breath. In midsummer the sun drinks the moisture so greedily that our gardens must be watered twice a day. seeds are sown early so that young plants may become rooted before the intense heat of summer, nearly every annual and perennial grown in the East will do well here. One sees the familiar Marigold, Larkspur, Phlox, Sweet Peas and Pansies. If we only knew just how and when to plant, our gardens would be beautiful every day in the year. Although we have no frost or snow, most plants need a season of rest, and we have not yet learned to select for a succession of constant bloom. Our yard was only a few weeks ago redeemed from the rocks and Sage brush. We must depend on annuals this year for a show of color, as our shrubs are too small to blossom.

Almost Christmas, yet I bring home from school sprays of wild Lupine, and Roses and Callas are blossoming in the gardens. I remember how long the winter days used to be in New England. How eagerly we children

watched for the first token of spring. and rejoiced when the "banking" was taken away from around the house. leaving a few patches of green ust visible. I love the Jonquil, Crous and Snowdrop, because in the ole home garden they were the earlies spring flowers, and we hailed with delight their coming. S. Rosella Kelley.

San Diego Co., Cal., Dec. 2 1893.

[Note.-The treatment above escribed of young plants received by mail is jod, and in substance just what the Editor he been recommending. It might profitably adopted by all southern and western flour growers, where the dry air and scorchings interferes with the growth of , ung plants. En

CHRYSANTHEMUM INODRIM .- I have been so pleased with hishardy perennial! Ι have written about it for several papers, and as result have had numerous applitions for a root or cutting. Not velong ago a lady who had read myllogy wrote mean incident. A friendowed her with much enthusiasm a pt of it in bloom. She told her tone to her house and she would sh her many plants of it grown byrself from seed, and she would g her some. My informant stated obtained the seed from Mr. Pand it was listed in his Catalogue, h a note commending it for the cery. It is admirable for that purposeomall summeruble profusely white daisy-like flowers ancetty M. D. Wils. foliage.

Yarmouth Co., Me.

(Note.—This lovely flower is norennial as ordinarily grown, but a bleas it usually exhausts itself the secondn by its abundance of bloom—each platoming a carpet of delicate white flowon a rich, mossy ground-work. It is eabwn from seeds, and will bloom late tun the first year if started in the sp The plants are entirely hardy.—ED.]

In Montana.—Pansies areet Peas are "their prettiest hWe have very little soil here, as woart way up the mountains, and thate is cool. What other flowers do well here?

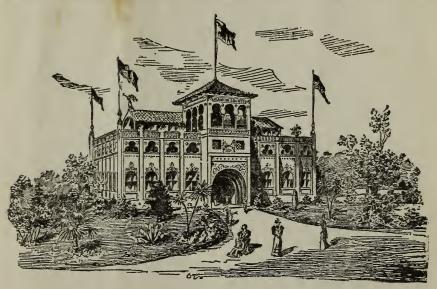
Helena, Mont., Dec., 26, 189 [Ans.—Eschscholtzia, Gilia, Nemand many other California annuals wubbless do well in your climate. Aya, Calendula. Mignonette, Chrysams and Ten Weeks' Stock would alsess bloom satisfactorily. Will some ontana sisters speak from experienc

THE GREAT CALIFORNIA FAIR.

R. EDITOR:—The Mid-winter Fair at San Francisco was formally opened yesterday. It rained in the morning, but by noon the sun came out warm, and thousands entered the Fair gates. Flags were waving from every building, and the avenues were all bordered with Palm trees (Fan Palms), and quite close together. Calla Lilies are in bloom, also the California Poppy, Pansies and bright Geraniums. Bright-colored Coleus were

Several varieties of Acacias are in bloom. The California Poppy is predominant. Palm trees, Calla Lilies and many things are planted, and will come into bloom one after the other, so that there will be a continuous bloom there all the time.

The opening ceremonies were postponed until about the 20th of January, as many of the Chicago Exhibits are yet on the way. The name Palm City has been given to the Mid-winter Fair. It will be a month yet before everything will be in place. To-day has



ALAMEDA COUNTY BUILDING AT THE MID-WINTER CALIFORNIA FAIR.

also to be seen in all their attractiveness. The Alameda building (see engraving) looks very handsome. The assortment of fruits to be seen there is very good. Both canned and fresh fruits are displayed-Apples, Grapes, Oranges, Lemons, Loquats and Japanese Persimmons. Immense Squashes, Beets, Carrots, and all kinds of cereals are to be seen together with coal and many other things, all from Alameda county. Everything is not in place yet. The outside grounds look well. A fine Magnolia tree is in bloom. The California Pepper Tree is covered with its graceful foliage and red berries.

been a warm, sunny day, so that the ladies have carried parasols.

Mrs. M. G. Walker.
Alameda Co., Cal., Jan. 2, 1894.

My Plant Stands.—On the south piazza I have two large boxes, each about a yard square with a strip all around the top to make a shallow tray. This is filled with earth, and my pot-plants are set in. Then gray or Spanish Moss hangs all around to cover the boxes, and green and variegated Tradescantias hang down over the moss and peep up among the pot plants.

Mrs. W. D. Collier.

Maico, Fla., Dec. 19, 1893.

TREATMENT OF FROZEN PLANTS.

OME years ago illness among my I friends made it necessary for me to remain away from home at night. Going home for a few minutes in the early morning I found a windowful of plants, the larger number Geraniums, frozen stiff. With a sigh over the ruin wrought I left them in the darkened room. During the day the weather became warmer and the freezing was not repeated. When I was able to return home I was surprised to find my plants uninjured. Later a large Geranium left on a porch one October night was apparently ruined, but before the sun came up I carried it to the west side of the house. Before noon I moved it to the north side. When it was brought into the house at night no one could have told from its appearance that it had been exposed to the frost. Since that time I have repeatedly saved frozen plants by letting them thaw gradually and in the dark. Geraniums, Ivies, Carnations, Tea Roses, and the Far fugium grande may all be saved by this treatment if the freezing is not repeated too often. Fuchsias will sometimes lose their leaves, but under favorable circumstances soon leaf out anew. So far as my experience goes the least frost is fatal to the Begonia. No it is, too, to the beautiful Tradescantia multicolor. One advantage which Hyacinths and other bulbs have for window culture is the fact that they will bear considerable freezing without injury.

Sara Clare. Orange Co., Ind., Dec. 20, 1893.

IVY GERANIUM, MADAME THIBAUT. -How many of the Band have tried this Ivy Geranium. It is a lovely plant. Mine is two years old. It covers an old stump, and is about four feet tall, and is in bloom here in Cakland the year round. It is large, deep rose color, double as a Rose, and a large cluster in bloom makes a lovely bouquet. The stems are long, with fine, dark green, very glossy leaves. It is a very M. G. Walker. beautiful plant. Alameda Co., Cal.

MY THRIFTY SACRED LILY.

WILL write my experience with Chinese Sacred Lily. I found in the dry goods and other stores an assortment of light, small bulbs, and it made me angry to see any one offer such poor bulbs-bulbs that were certain to prove a failure, and the poor buyers were to wonder why their bulbs did not grow and bloom. I bought two large, heavy bulbs, and put them in a glass dish with warm water. In the bottom of the dish were pebbles and colored glass that made it look gay. In a few days, maybe a week, I saw green and they have grown right along till now the leaves are 15 inches high. There are nine scapes and eight bloom stalks in sight. I think it will not be too much to expect some blooms by New Year. I never saw anywhere so strong, thrifty and fine a Lily. I shall always want them in the fall. As we live in an apartment house and have no kitchen (which I regard as the best air for the Lily), I have changed the water twice a day and sprinkled the plant with warm water. All this I do to try and supply the moist air it needs. I change the water so often to keep up the heat at the roots.

Amelia Eckhardt.

Hartford Co., Ct., Dec. 16, 1893.

[Note.—When Chinese Lilies are kept till January they will become slightly wilted, but this will not hurt them if the bulbs are large and sound. It is better, however, to plant earlier when it can be conveniently done.—Ed.]

CALLA.—The Calla will do very well in a sunny south window where an average temperature of sixty degrees is maintained. In such a situation it will require an abundant supply of water at the roots. An ample supply of room for the roots must be given also. C. E. P.

Queens Co., N. Y., Jan. 12, 1894.

PURE WHITE GERANIUMS.—Queen of the Belgians is a pure white Geranium, a good bloomer and don't color a particle. Mrs. E.

Adair Co., Mo.

A BEAUTIFUL NATIVE PLANT.

LATE last spring the Editor received a little box from one of the FLORAL sisters, and upon removing the wrapper and lid there appeared, carefully wrapped in damp moss and as fresh and bright as when packed, six

Orchis Spectabilis.

exquisite little plants, each with two well-developed, glossy, green leaves about five inches long and from which pushed up a bracted scape of lovely pink and white flowers. They were at once recognized as the true typical Or chid, Orchis spectabilis, one of the most rare and prized of our native Or

chidaceous flowers. The plants were at once potted in rich forest soil and given cool. sheltered place, and each developed its lovely scape of bloom, which attained a height of six or seven inches. Before potting one of the little plants was sketched. to-

gether with enlarged drawings of a flower in bud and fully opened, and these sketches are herewith presented. Fig. 1 shows the fleshy roots, the subterranean bracts, and the mature leaves with the flower scape, from which a fair idea of the plant may be obtained. It will be noticed that each flower on the scape is guarded by a green, leaflike bract. This bract, with the twisted ovary, the sepals, and the spur or honey-bearing horn are shown in Fig. 2, while an open flower is represented in Fig. 3, in which the broad, depending white lip with projected spur, and lovely pinkish-purple petals appear.

This exquisite native flower is found in rich soil in the forests of our northern States, but is not common, and when found the plants are all the more appreciated. The flowers are fertilized only by insects, and we see in the honey-bearing spur a wise provision of the Creator to perpetuate the plant by seeds, as many bees are led to visit the flowers in search of its nectar.

This is the only true Orchis we have. Other flowers often known as species of Orchis are mostly species of Habenaria. The Editor owes a debt of heartfelt gratitude to the kind sister who so thoughtfully sent the box referred to. While a student he once found a solitary specimen of this Orchis in the woods upon the farm of the Michigan Agricultural College, but that was the only one he ever saw till this box of plants came, though diligent search was made for the little wildlings in various parts of the country.

LOPHOSPERMUM SCANDENS.

NE of the most satisfactory climbers for the garden is the above named plant. Start seeds early to secure thrifty plants by June. When set in the ground they soon throw out a number of runners that will wind themselves about every thing within their reach. I like coarse poultry netting for a trellis, and once get these



LOPHOSPERMUM SCANDENS.

runners started on this netting they will soon cover it, and give you a beautiful show of Gloxinia-like blooms that cannot fail to please you and every flower-loving friend. When the tops are killed by frost I lift the root with soil about it and place in a dry, cool closet with Dahlia tubers, and with a little care you can keep the same root for years.

L. G. S.

Ornithogalum Arabicum.—A few years ago I planted an Ornithogalum Arabicum in October at the same time I planted my Hyacinths, and gave it the same treatment. It is not an early bloomer, but is very fine. Mine bloomed in March, a truss of white flowers as large as a silver dollar and fragrant. I was somewhat disappointed in the black center, as it is nothing but the ovary or future seed-pod. I call it a nice early spring-flowering bulb, though some do not seem to have good luck with it.

Anemos.

Somerville, Mass.

A LESSON FROM THE BULBS.

As I made ready to plant my bulbs one sentence repeated itself over and over in my thoughts: "In sure and certain hope of a glorious resurrection." I recalled, too, Longfellow's

"In the sure faith that we shall rise again
At the great harvest."

What a reminder of this great truth the bulbs are as we place them in the damp, dark soil, believing that after the storms and snows of winter they will spring up in wonderful beauty. While this is a reasonable expectation they do sometimes disappoint us, they are sometimes destroyed. But the belief that we shall rise again is, as our poet calls it, a "sure faith." "Thy brother shall rise again." Thy loved ones who sleep in Jesus shall rise in wonderful immortal life, and in this thought there is

"Comfort to those who in the grave have sown The seed that they had gathered in their hearts."

Sara Clare.

Orange Co., Ind., Dec. 20, 1893.

LAVENDER.—Lavender can be easily raised from seeds which should be sown as early in the spring as possible on a nicely prepared border. Sow thinly, cover slightly, and as soon as the plants are strong enough to handle thin out or transplant, giving plenty of room. If the seeds can be given the protection of a hand glass so much the better, but a little more attention will be required. Chas. E. Parnell.

Queens Co., N. Y., Jan. 12, 1894.

KEEPING CANNA EHEMANNI.—1 keep Canna Ehemannı growing through the winter. I have kept it three winters in this way. Don't give too much wa'er, and it will not be any trouble.

Mrs. B. F. Eads.

Adair Co., Mo.

HAVE THEY SOULS?—Ruskin says:
"I always think the flowers can see us, and that they know what we are talking about."

A. E.

Hartford Co., Ct., Dec. 20, 1893.

HOW TO GET RID OF MOLES.

TRIED "S's" remedy for moles, given in the April number of the MAGAZINE-to pour coal oil in the paths. One had been bothering me all summer. After it had eaten off a new two-vear-old Rose which was beginning to start nicely, I opened the path and poured in about a teacupful of coal oil, and he left the row of newly planted Roses, and next appeared in a row of Sweet Peas. He ate off many of these, and I gave him another application of oil. Next, a little farther away, perhaps ten feet, he commenced on the Marigolds. Being told by a neighbor to give him a dose of strychnine. I got the following receipt. which I tried with such success that he has not bothered me any more up to the present time, Dec. 15, and I think that one is gone for good. Receipt: Take a piece of raw potato about

the size of a Filbert or a little larger. Cut or split it partly in two, and with a thin stick or something



THAT GARDEN PEST-THE GROUND MOLE.

similar place about what would be the size of a Sweet Pea of strychnine in the opening. Prepare two pieces. Then open the run or path, and drop a piece on each side of the opening, after which fill up the opening, and Mr. Gopher will do the rest. I did this, and when I examined the path next day, I found the potato gone, and Mr. Gopher was gone also, and has not bothered me since. This is so much less work than boxing our bulb-bed beneath the soil; besides, the pest will be gone for good. Moles are very bad in this part of Oregon, and sometimes eat off large fruit trees. I shall use the poison freely from now on till I rid my yard of these pests. Ellen R.

Clem, Ore., Dec. 18, 1893.

[Note.—As strychnine is a rank poison it should be carefully labelled, and also kept out of the way of children. It is better to buy only what is needed, as it is not well to have such a deadly poison standing around.—ED.]

EXPERIENCE WITH SACRED LILY.

T AST fall I sent for a Chinese Sacred Lily, broke off three of the four side bulbs, placed them in earth, and put the main bulb in a glass dish with pebbles and water around it. It commenced growing immediately. In a month it was in bloom, and such blossoms! The first to bloom was the remaining side bulb. Three other sprays of six and seven blossoms each rapidly unfolded, and one is now unfolding. The blossoms are pure white with a yellow, cup-shaped center, and measure from one and a half to one and threefourths inches in diameter, and are exceedingly fragrant. Almost every leaf measures two feet, and the tips of the flowers are two feet and a half from the bottom of the bulb. It has been in bloom now a month, and gives promise of continuing a couple of weeks longer. The first flowers came

out in cold weather and lasted fully three weeks, but those coming later did not last so well, as

the past two weeks have been very pleasant here and it was impossible to keep them cool. I have received more genuine satisfaction from it than any plant I have ever raised before. I would be pleased if the Editor would tell us how to keep and propagate this bulb.

L. H. Cobb.

Washington Co., Kas., Jan. 1, 1894.

[ANS.—After the plant is done blooming remove the old flower scapes and pot the bulb in fresh soil, being careful not to injure the fleshy roots. Water as required till danger from frost is past, when the bulb may be turned out in the border to ripen. Bulbs thus treated will bloom well the second season if potted early in autumn before the new roots begin to form, but it is better not to attempt their culture in water the second season. They will give better satisfaction in pots of earth. The propagation of this Narcissus is effected by division of the bulbs, and as will be noticed from the clumps they increase very rapidly in this way. The bulbs are hardy in the South, and a bed of them upon the Editor's grounds have successfully withstood the cold weather of this winter till the present time, January 20th. In Southern California, where all Narcissus do well, they might be successfully grown for the trade. At present they are mostly imported from China and the Bermuda Islands.—Ed.]

Park's Floral Magazine.

A MONTHLY. ENTIRELY FLORAL.

GEO. W. PARK, Editor and Publisher,

LIBONIA, FRANKLIN COUNTY, PA.

CIRCULATION.—The actual circulation, proven when required, is 100,000 copies monthly. No free distribution to promiscuous lists of names. Advertising office 517 Temple Court, New York, N. Y., C. E. Ellis, Manager, to whom all communications about advertising should be addressed.

SUBSCRIPTION PRICE, 50 cents a year. Clubs of 5 subscribers 40 cents a year, including an extra copy to the agent.

THE EDITOR invites correspondence with all who love and cultivate flowers.

FEBRUARY, 1894.

Calla not Blooming.—A subscriber wishes to know why her Calla, which she has in a gallon can does not bloom. It is possible the receptacle is too large for the plant. The Calla rarely blooms in a pot or can until it becomes root-bound. She should try growing it in a four-inch pot of well-drained, porous soil, increasing the size of the pot as the plant increases.

SPROUTED BULBS.—Bulbs that are out of the ground till just beginning to sprout are reliable, and can be depended upon for bloom, but if the growth is far advanced they are, as a rule, valueless for flowering. Such bulbs should be bedded out and kept growing for a year or more till new, blooming-sized bulbs are produced, or until the old bulbs regain their vitality.

KEEP THE ATMOSPHERE MOIST.—Abutilons and many other plants drop their buds because of a hot, dry atmosphere. Keep an open pan of water upon the stove or register to evaporate. The moisture thus supplied will keep your plants healthy and at the same time prove beneficial to members of the family.

BLACK FLIES AND FISH WORMS.— To get rid of these water the soil with lime water. It will destroy the larvæ of the flies, also the worms, and the full-grown flies will soon disappear.

CROZY CANNAS FROM SEED.

Crozy Cannas never fail to produce a great variety of large-flowered plants. There are many seeds offered by Continental florists which are of the older varieties and not satisfactory. The



best seeds are grown in this country, where there are none of the old-fashioned sorts grown for seeds. The great blazing sheets of color produced by masses of

these new Cannas exceed in gorgeous display anything yet seen in the flower garden, and seedlings are as showy as the named sorts, if the seeds are true and carefully saved. By all means plant a bed of Crozy Cannas this season. It is the flower of all flowers which you should secure. It is easily grown from seeds, and if sown in February, March or early April will bloom profusely during autumn.

FLOWERING GERMAN IVY.—A floral sister of Fillmore county, Minn., wants to know more about flowering German Ivv. She has a plant which came labelled "German Ivy, flowering kind," but it has not bloomed. She finds in a catalogue Senecio macroglossis recommended as a new kind of German Ivy, and asks if that is the blooming Ivy. She is informed that that is a species with yellow, daisy-like flowers, but is not the kind referred to by Mrs. Pearson in a recent number, the flowers of which are small, creamy, and produced in panicles or clusters. To bloom the Parlor or German Ivy should be grown in the house and trained along the walls. Started in the spring it will then often bloom the following winter.

GRAND DUKE JASMINE.—This delightfully fragrant, easily-grown Jasmine is readily started from cuttings, and will bloom in less than a year from the time it is potted. It is a plant too much neglected.

Gessip.

Floral Friends.—I have been thinking of the many kind acts of flower-lovers. As a class I think them very generous. I have been so happy this fall by such wonderful bouquets of Roses. A florist kindly gives me his old Roses, and I in turn have given them to the sick, the worn and weary, to little children and to many others. Everyone is so delighted. I think it a most beautiful act on the part of the florist, as there are so many who love flowers and who cannot buy, and who are made so happy and bright by these Roses. All my soul is stirred by the sight of the great bunches of Roses received, and I plan to whom I shall give next this cold winter day, when all the world is wrapped in polar fur and frosty tracings are everywhere. Is not the florist kind to make me so happy and so many others happy, too? and so many others happy, too?
"How e'er it be, it seems to me
'Tis only noble to be good;

Kind hearts are more than coronets, And simple faith than Norman blood." Amelia Eckhardt. Hartford Co., Ct., Dec. 20, 1893.

Dear Mr. Park:—I cannot tell you how fond I am of the bright pages of your Magazine. Each month it has some information I particularly wanted. I read and re-read the back numbers till I have them almost memorized. numbers till I have them almost memorized. But there is one department that might be improved—the Exchange column. Seashells, blocks of patchwork, skeins of yarn, bricabrac, etc., though worthy articles, seem to me to have lost their way and crept in among our Floral belongings like so many "stowaways." The exchange column should be used for floral articles only. It takes the dignity from the most stately plant to barter it for "adhesive corn salve" and "catarrhointment," also "crowing roosters and cackling hens." I do wish our 1894 numbers may be crowded with true floral exchanges—that not one wee bit of crazy patchwork, corn salve or home-made lace can by any chance squeeze in. I am so jealous for the Magazine that to have its columns a subject of ridicule arouses my ire, and I want to get right to work and weed out the whole list. If I cared less for the Magazine or wished it less success less for the Magazine or wished it less success
I should not have mentioned this. Mrs. L.
Richmond Co., N. Y., Dec. 11, 1893.

Ishould not have mentioned this. Mrs. L. Richmond Co., N. Y., Dec. II, 1893.

Dear Sisters:—I've been enjoying a treat today. I've gathered up all the old volumes of the MAGAZINE, and have been going over them all down to the present year. The pictured faces look up to me from some of the later books, and I feel almost acquainted with them, so many times have we met in different pages. I hoped to meet many of the Band at the World's Fair, but did not. I was there on our own State days, Sep. 21 and 22. Iremained just as long as I could stand it, and weary turned my face homeward. In a week afterward I was ready to go again, but time prevented. I enjoyed looking at the queer Cacti in front of the Horticultural building, and then in front of the Pennsylvania State building. The Crotons in front of this same building were particularly fine. I climbed the twelve pairs of stairs to the dome of this building, for did I ever tell you I was born in the Keystone State? Did you notice he Keystone made of Alternantheras, if I remember, in front of the building? I went to Horticultural building quite often, ostensibly to look at everything displayed, but each time with a hope of seeing Mrs. Anna B. Nickles, of Texas, but she was off looking at something else in some other part of the grounds. Her display of Cacti was extensive, and contained many fine specimens. I purchased an Old Man of her granddaughter, and that was just how near I came to seeing "one of you." I've been in hopes a number of you would write up a few notes of the Fair. What impressed me most of all while there was

that out of chaos came forth this lovely city. and in so short a time. It is all like a beautiful dream to me, which I love to recall at will. Time can never efface the beautiful sight from my eyes.

M. R. W.

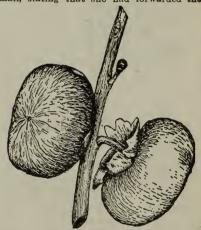
Time can never efface the beautiful sight from my eyes.

Scott Co., Iowa, Jan. 3, 1894.

[Note.—When at Laredo, Texas, the Editor spent a pleasant half hour at the home of Mrs. Nickles, where he found a fine variety of Cactuses, some very large and rare. The entire country round about seemed to be one great field of huge specimens growing wild in the sand, so that everything of a Cactus nature found the soil and climate there congenial. Mrs. Nickles' cosy home was in pleasing contrast with the squalor and dreary barrenness about the huts of the Mexicans who compose the greater element of the who compose the greater element of the place.—ED.]

place.—ED.]

A Delicious Ornamental Fruit.—On Christmas evening the Editor received a package, and upon opening it found carefully packed several fine clusters of rich orange-scarlet fruits, each specimen measuring more than seven inches in circumference. One of the clusters is represented in the sketch. What are they? Tomatoes, or some species of Solanum? Well aglance at the wrapper showed the box was from Mrs. M. G. Walker, of Cullfornia and a letter was found in the same mail, stating that she had forwarded the



Editor a box of Japanese Persimmons as a Editor a box of Japanese Persimmons as a Christmas offering. How beautiful they were, and how ornamental would appear a tree laden with the scarlet fruit. Upon testing the fruit it was found to be seedless, rich and sweet, and almost devoid of the astringent quality for which the green Persimmon is noted. They say the longest pole knocks the Persimmons, but in this case they fell upon the Editor from a tree 3,000 miles distant, without an effort on his part; and as he enjoyed the beauty and delicious flavor of the enjoyed the beauty and delicious flavor of the rare fruit that Christmas evening a wave of gratitude to the kind donor might have been experienced by her in her far off home by the

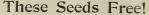
Mr. Park:—I think if some of those people who say there is no beauty in those "horrid things" when they see a Cactus could look in and see my Lobster Cactus now, they would not think them all horrid things. Mine is only a small plant but it is completely covered with blooms and has been for some time mast. I have also a collection of about one past. I have also a collection of about one hundred varieties of Cacti, nearly all small plants, but some of them I think will soon repay me for the little care I have bestowed on them.

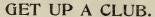
Mrs. W. W. Randall.

Plymouth Co., Mass., Jan. 5, 1894.

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Mention Park's Magazine.

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(silver). S. J. Galloway, Eaton, Ohio.

Mention Park's Magazine.

Rosebuds.—What causes the Rosebuds to rust and never open?—T. M., N. Y.
Lycaste Skinnerli.—What treatment is best suited to this Orehid? Can it be successfully flowered as a window plant?—P. A., Iowa, Geranium.—Will some sister who cultivates the tricolor Geranium successfully give us some information on treatment? I have one which I ruize highly, but it is not triving. the tricolor Geranium successfully give us some information on treatment? I have one which I prize highly, but it is not thriving. The leaves wither and fall of the whiters come the size of a dime—Miss M. P., Ala.

Ivy Geranium.—Will some of the writers in the Magazins please tell us how to care for lvy-leaved G-raniums?—Mrs. C., Md.

Hydrangea—Will some of the Band kindly tell me what to do with my Hydrangea; it is so large. Will it do to divide the plant and repot, or would it kill it?—M. S. W., Ont.

Freesias.—One lady from California says she beds out her Freesias and I understand haves them in the ground like Hyacinths. Now, how how at mperature will they stand?—Mrs. G. R. M., Texas.

Ixias and Sparaxis.—If any of the Band have been successful in blooming Ixias and Sparaxis will they tell us how it was done? Do they need coldor heat, sun or shade, water or drouth, good soil or poor?—E. A. P., Kans.

Date Palm.—I wish to learn how old the bate Palm of Commerce must be to bear fruit. I planted seeds taken from Dates just after eating, and the plants are now growing.

Date Paim of Commerce must be to cear fruit. I planted seeds taken from Dates just after eating, and the plants are now growing nicely. They were planted Dec. 24, 1892, and the plants came up May 19, 1893. Nothing hurts them—hot water, ice water, drouths or floods. They still continue to flourish—E. B. floods. The

Gladiolus.—Have any of the Band ever raised Gladiolus from seeds? If so, will they please report.—L. H. C., Kansas.

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There are numerous offers of cheap music this season, but here is the cheapest and best of all. The small sum of ten cents will bring you our charming musical and literary magazine three months on trial. You will also receive, absolutely free, 163 pieces of popular sheet music, including That is Love, After the Ball, 'Twixt Love and Duty, Ever Faithful, Old Madrid, Sweet Heather Bells, Two Little Girls in Blue, Better Bide a Wee, Comrades, Ta-ra-ra-boom-de-ray, Little Fisher Maiden, Pussy Cat, Annie Rooney, Bob up Serenely, I Whistle and Wait for Katie, Bonnie Doon, Stop Dat Knocking, Kissing Over the Garden Wall, Five O'clock in the Morning, Let Me Dream Again, When Red Leaves Fall, In a Cottage by the Sea, Speak to Me, Maiden's Vow, Brave Old Oak, She Wore a Wreath of Roses, Old Oak, She Wore a Wreath of Roses, Take Back the Heart, Love Among the Roses, Anvil Chorus, Daddy Wouldn't buy Me a Bow-wow, Think of Me Nevermore, Lullaby, Old Zip Coon, On to the Field of Glory, Swiss Boy, Oh Day of Joy, Douglass, Tender and True, Annie Laurie, The Parting, and many others. All the above will cost you only 10 cents. Get, the most cost you only 10 cents. Get the most for the least money by sending a dime to American Nation Company, 333 A, Washington Street, Boston, Mass.

QUESTION ANSWERED.

Bird of Paradise.-Poinciana reginæ and Strelitzia reginæ are both known by this name. As they require different treatment those enquiring about Bird of Paradise should describe their plant in order to get satisfactory information. C. E. P.

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